



# **2004 National Distillers Grains Marketing Surveys**

**November 2004**

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# National Distillers Grains Survey

- Conducted by U.S.  
Dept. of Agriculture  
National  
Agricultural  
Statistics Service-  
NASS  
  
Iowa State Statistical  
Office

– Received input from  
industry on surveys

National Distillers Grains Survey - 2004  
[www.distillersgrains.com](http://www.distillersgrains.com)



# Dry-Mill Processors Survey

- **78 Dry Mill Facilities (Fuel & Beverage)**
  - **25 Reports Received**
    - **775 MGY**
- **The Average Plant Responding**
  - **Started Production in 1989**
  - **Produces 31 MGY Ethanol**



# Dry Mill Production Numbers

- **3,453 MGY of Ethanol Produced**
- **1,335 MGY Produced by Wet Mills**
- **2,118 MGY Produced by Dry Mills**
- **775 MGY by Survey Reports - 37%**
- **1,343 MGY by Non-Reports - 63%**



# **Types of Distillers Grains**

- \*Condensed Distillers Solubles -11**
- \*Distillers Dried Grains - 0**
- \*Distillers Dried Grains with Solubles - 15**
- \*Distillers Wet Grains - 10**
- \*Distillers Dried Solubles - 0**
- Wet Distillers Grains with Solubles - 7**

**\*Source: Association of American Feed Control Officials**



# **Condensed Distillers Solubles**

**205,596 Tons Reported by 11 (37%)**

**350,069 Tons @ Projected (63%)**

**555,665 Tons - Total Production - Est.**

**x \$17 - Avg. Price per Ton**

**\$9,446,303 - Annual Sales - Est.**

**Avg. Moisture: 70%**



# **Distillers Dried Grains w/Solubles**

**1,043,269 Tons Reported by 15 (37%)**

**1,776,377 Tons @ Projected (63%)**

**2,819,646 Tons - Total Production Est.**

**x \$97 - Avg. Price per Ton**

**\$273,505,662 - Annual Sales - Est.**

**Avg. Moisture: 11%**



# **Distillers Wet Grains**

**1,237,600 Tons Reported by 10 (37%)**

**2,107,265 Tons @ Projected (63%)**

**3,344,865 Tons - Total Production Est.**

**x \$26 - Avg. Price per Ton**

**\$86,966,490 - Annual Sales - Est.**

**Avg. Moisture: 64%**





# **Wet Distillers Grains w/Solubles**

**924,321 Tons Reported by 7 (37%)**

**1,573,844 Tons @ Projected (63%)**

**2,498,165 Tons - Total Production Est.**

**x \$32 - Avg. Price per Ton**

**\$79,941,273 - Annual Sales - Est.**

**Avg. Moisture: 56%**



**Distillers Dried Grains**

**Insufficient Data**

**Distillers Dried Solubles**

**Insufficient Data**



# Distillers Grains Sales - Projected

- CDS      \$    9,446,303
- DDGS    \$273,505,662
- DWG     \$ 86,966,490
- WDGS   \$ 79,941,273
- Total     \$449,859,728



# DG Produced - Projections

|      |                  |       |      |
|------|------------------|-------|------|
| CDS  | 555,665          | 70%   | \$17 |
| DDG  | -                | -     | -    |
| DDGS | 2,819,646        | 11%   | \$97 |
| DWG  | 3,344,865        | 64%   | \$26 |
| DDS  | -                | -     | -    |
| WDGS | <u>2,498,165</u> | 56%   | \$32 |
|      | 9,218,341        | TOTAL |      |



# **DG Produced By Dry Mill Processors**

## **Corn Bushel Method**

**2118 MGY Ethanol Capacity in USA**

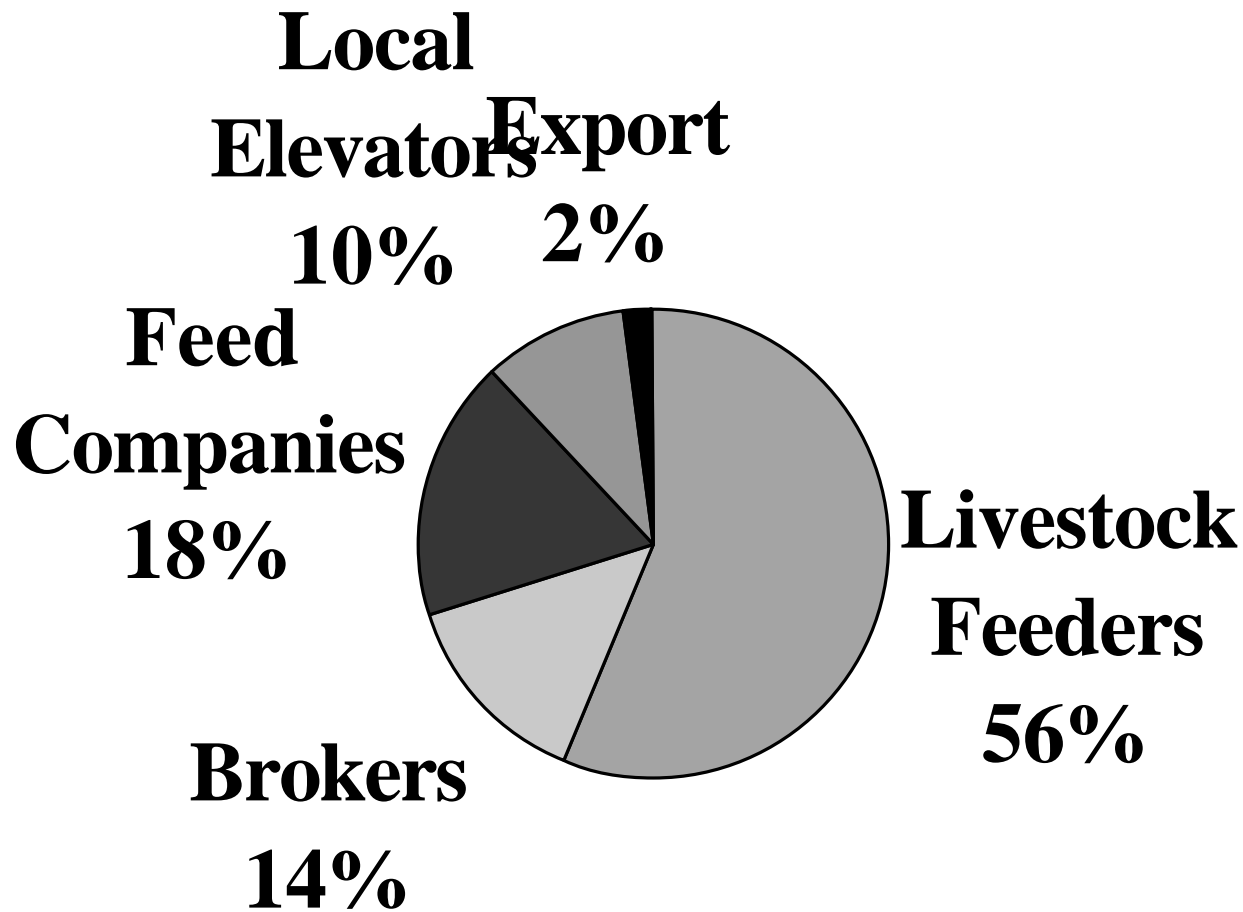
**1 Bushel of Corn Produces 2.7 gal. of Ethanol**

**2118 divided by 2.7 = 784 M Bu of Corn**

**784 M bu x 17 lbs divided by 2000 =  
6.67 M Tons of Distillers Grains**



# Ethanol Producers' Customers

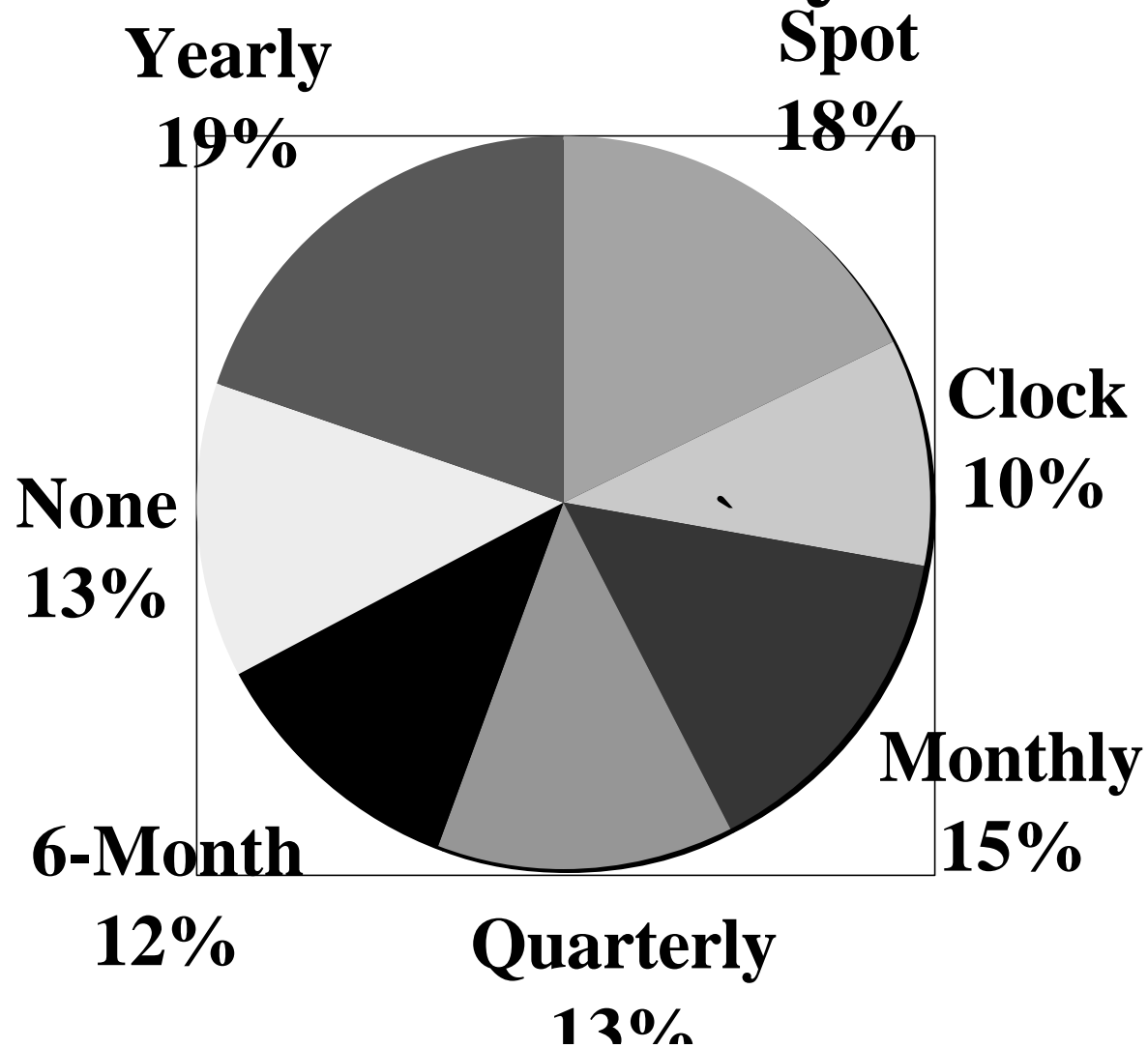


# **Ethanol Plant Marketers of Distillers Grains**

- 59% - Marketing Company**
- 50% - Company (In-House)**



# Distillers Grains Sold by Contract



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# Transportation Costs - DRY

## Paid by Plant

- **100% - Rail used for 16% - 1550 miles @ \$30/ton**
- **67% - Trucks used for 10% - 82 miles @ \$4/ton**

## Paid by Buyer

- **50% - Rail used for 16% - 1813 miles @ \$40/ton**
- **100% - Trucks used for 58% - 133 miles @ \$7/ton**



# Transportation Costs - WET

## Paid by Plant

- **100% - Trucks used for 23% - 61 miles @ \$4/ton**

## Paid by Buyer

- **100% - Trucks used for 77% - 60 miles @ \$4/ton**



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